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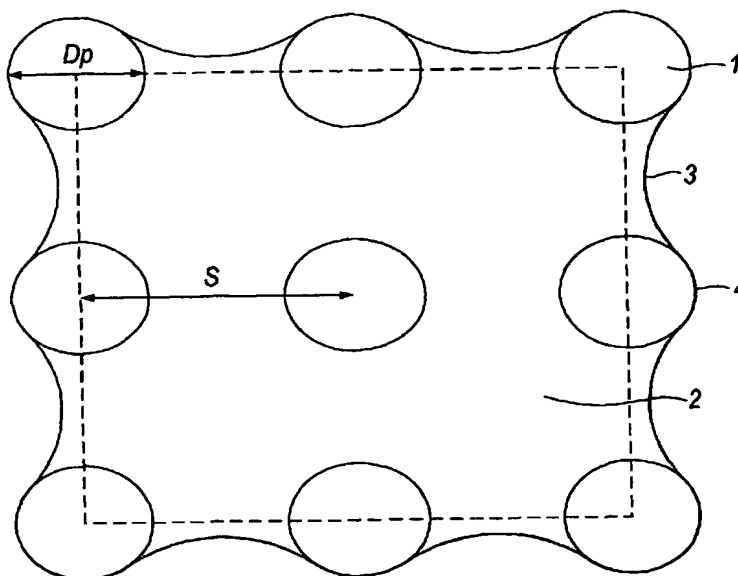
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(54) Title: CONSTRUCTION AND DESIGN OF FOUNDATION ELEMENTS



(57) Abstract: The present application relates to method of designing and forming a foundation element by consideration of a number of parameters including the contribution of ground material to the overall bearing capacity of the element. Techniques for analysing the load bearing capacity of a composite foundation element are also described which take into consideration the volume of ground material that exists between neighbouring discrete concrete sections.

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— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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# INTERNATIONAL SEARCH REPORT

Internat Application No  
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## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 E02D27/14

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E02D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A  X	<p>EP 0 758 699 A (HELMUT HEMMERLEIN GMBH &amp; CO BA) 19 February 1997 (1997-02-19) column 7, line 32 -column 8, line 52; figures 8-11</p> <p>---</p> <p>"Richtlinie für den Entwurf, die Bemessung und den Bau von Kombinierten Pfahl-Plattengründungen" BAUTECHNIK, vol. 77, no. 9, 2000, pages 677-681, XP008016741 page 1, column 1, paragraph 1 -column 2, last paragraph page 3, column 2, paragraph 3 -column 3, paragraph 8; figures</p> <p>---</p> <p style="text-align: center;">-/-</p>	<p>13,17, 19-21 1,2,8, 10,12</p> <p>1,2,4,8, 9,12,13, 17,18</p>

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- \*G\* document member of the same patent family

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A	GB 1 153 188 A (YOSHIRO TSUZUKI) 29 May 1969 (1969-05-29) page 3, line 62 - line 71; figures 10,11 -----	5,6,14, 15

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Information on patent family members

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